THE SMARTPHONE AS A PEDAGOGIC TOOL. STUDENT PROFILES AS RELATED TO ITS USE AND KNOWLEDGE

1. INTRODUCTION
2. METHOD
3. RESULTS
4. DISCUSSION
5. FUTURE LINES OF RESEARCH

ICTs INFORMATION AND COMMUNICATION TECHNOLOGIES

OBJECTIVE
Establishing a classification of university student profiles related to knowledge and use

INSTRUMENT
Smartphone and University Questionnaire. Students’ view, (2019) administered online through LimeSurvey and analyzed with SPSS v22.

SOCIODEMOGRAPHIC AND ACADEMIC VARIABLES

ANALYSIS
The hierarchical cluster analysis with the Ward distance offers a three-cluster solution.

PROFILES

1. HIGH KNOWLEDGE AND ACADEMIC USE OF THE SMARTPHONE (HIGH)
   - 23.7% students
   - Higher score than men, and they use technologies more intentionally and frequently.
   - Higher interest in training themselves, a wider perception about the benefits of the Smartphone as a pedagogical tool, and they use the tool to a greater extent.
   - Design thinking, flipped classroom and game-based learning to promote cooperation, creativity and critical construction of knowledge for medium and low profiles, carrying out cooperative workshops.

2. MEDIUM KNOWLEDGE AND USE OF THE SMARTPHONE (MEDIUM)
   - 48.1% students
   - For communication-management tasks and minimally for pedagogical tasks.
   - They are reluctant to incorporate the technological tools that they use in their everyday life into learning.

3. LOW KNOWLEDGE AND USE OF THE SMARTPHONE (LOW)
   - 28.2% students
   - Lesser knowledge and use of the Smartphone for communication-management tasks compared to the other two profiles.

PURPOSE
Defining three student profiles labelled as: High, Medium and Low.

BROADENING THE STUDY
One which contributes to delve deeper into the reasons and motivations why a large percentage of students are placed within the average and low technology use profiles.

INTERNATIONAL HIGHER EDUCATION
SECONDARY EDUCATION
VOCATIONAL TRAINING
RELEVANT LINE OF RESEARCH

483 students from the University of Cantabria

30.2% 69.8%